

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2004/037281

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 A61K39/395 A61P35/02
 //C07K16/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 C07K A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, WPI Data, PAJ, Sequence Search, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category ^o	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01/83755 A (GEMINI SCIENCE, INC; MIKAYAMA, TOSHIKUMI; TAKAHASHI, NOBUAKI; CHEN, XI) 8 November 2001 (2001-11-08) page 7; claim 49 page 9 - page 10 ----- X WO 02/28480 A (CHIRON CORPORATION; CHU, KETING; MASUOKA, LORIANNE) 11 April 2002 (2002-04-11) claim 14 ----- A WO 02/28904 A (CHIRON CORPORATION; CHU, KETING; WANG, CHANGYU; YOSHIHARA, CORRINE; DO) 11 April 2002 (2002-04-11) figure 12 ----- -/-	1-20 1-20 1-20

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the International filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the International filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the International search

Date of mailing of the International search report

9 May 2005

21/06/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Wagner, R

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2004/037281

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 02/088186 A (KIRIN BEER KABUSHIKI KAISHA; MIKAYAMA, TOSHIKUMI; YOSHIDA, HITOSHI; FO) 7 November 2002 (2002-11-07) the whole document	1-20
P, A	-& EP 1 391 464 A (KIRIN BEER KABUSHIKI KAISHA) 25 February 2004 (2004-02-25) page 14 -----	1-20
P, A	TAI YU-TZU ET AL: "Mechanisms by which SGN-40, a humanized anti-CD40 antibody, induces cytotoxicity in human multiple myeloma cells: Clinical implications" CANCER RESEARCH, vol. 64, no. 8, 15 April 2004 (2004-04-15), pages 2846-2852, XP002327506 ISSN: 0008-5472 the whole document -----	1-20
A	DATABASE BIOSIS 'Online! BIOSCIENCES INFORMATION SERVICE, PHILADELPHIA, PA, US; 16 November 2001 (2001-11-16), WENG WEN-KAI ET AL: "Human anti-CD40 antagonistic antibodies inhibit the proliferation of human B cell non-Hodgkin's lymphoma" XP002327507 Database accession no. PREV200200241215 abstract & BLOOD, vol. 98, no. 11 Part 1, 16 November 2001 (2001-11-16), page 466a, 43RD ANNUAL MEETING OF THE AMERICAN SOCIETY OF HEMATOLOGY, PART 1; ORLANDO, FLORIDA, USA; DECEMBER 07-11, 2001 ISSN: 0006-4971 -----	1-20

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2004/037281

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
Although claims 1-20 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple Inventions in this international application, as follows:

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

The additional search fees were accompanied by the applicant's protest.
 No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US2004/037281

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 0183755	A	08-11-2001	AU	5921501 A		12-11-2001
			WO	0183755 A2		08-11-2001
			US	2003059427 A1		27-03-2003
			US	2002142358 A1		03-10-2002
WO 0228480	A	11-04-2002	AU	1136602 A		15-04-2002
			AU	9650701 A		15-04-2002
			AU	9654501 A		15-04-2002
			AU	9654701 A		15-04-2002
			CA	2424296 A1		11-04-2002
			CA	2424749 A1		11-04-2002
			EP	1322383 A2		02-07-2003
			EP	1326896 A2		16-07-2003
			JP	2004510752 T		08-04-2004
			JP	2004517611 T		17-06-2004
			WO	0228904 A2		11-04-2002
			WO	0228905 A2		11-04-2002
			WO	0228480 A2		11-04-2002
			WO	0228481 A2		11-04-2002
WO 0228904	A	11-04-2002	AU	1136602 A		15-04-2002
			AU	9650701 A		15-04-2002
			AU	9654501 A		15-04-2002
			AU	9654701 A		15-04-2002
			CA	2424296 A1		11-04-2002
			CA	2424749 A1		11-04-2002
			EP	1322383 A2		02-07-2003
			EP	1326896 A2		16-07-2003
			JP	2004510752 T		08-04-2004
			JP	2004517611 T		17-06-2004
			WO	0228904 A2		11-04-2002
			WO	0228905 A2		11-04-2002
			WO	0228480 A2		11-04-2002
			WO	0228481 A2		11-04-2002
WO 02088186	A	07-11-2002	US	2003059427 A1		27-03-2003
			CA	2445349 A1		07-11-2002
			CN	1522264 A		18-08-2004
			EP	1391464 A1		25-02-2004
			WO	02088186 A1		07-11-2002
			US	2004120948 A1		24-06-2004
			AU	5921501 A		12-11-2001
EP 1391464	A	25-02-2004	US	2003059427 A1		27-03-2003
			US	2002142358 A1		03-10-2002
			CA	2445349 A1		07-11-2002
			EP	1391464 A1		25-02-2004
			US	2004120948 A1		24-06-2004
			CN	1522264 A		18-08-2004
			WO	02088186 A1		07-11-2002
			AU	5921501 A		12-11-2001